

5.4. NDRRA PROGRESS REPORT #9 - SEPTEMBER 2015

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GENERAL MANAGER: Paul Hoyer, General Manager Operations
DEPARTMENT: Infrastructure Services

RECOMMENDATION

That Council notes the results achieved to date and the future projections contained in the 2014 NDRRA PCG Monthly Report 9 – September 2015.

EXECUTIVE SUMMARY

Monsoonal flooding between 7-9 February 2014 and during Tropical Cyclone Ita on 11-14 April, 2014 caused extensive damage to existing infrastructure within the Shire. This report details progress to date concerning the restoration program under the Natural Disaster Relief and Recovery Arrangements.

Progress to date consists of:

Total Funding Approved to date:	\$19,563,521
Works complete	53.5%
Income to date	\$8,735,324
Expenditure to date	\$12,090,962
Expenditure into local economy for month of September	\$857,000

BACKGROUND

Between 7-9 February 2014 monsoonal flooding occurred within the Douglas Shire and was followed between 11-14 April 2014 by Tropical Cyclone Ita. Both these events caused extensive damage to Council infrastructure, mainly roads, within the Shire.

Council's Management Team set up a Project Control Group to manage the Natural Disaster Relief & Recovery Arrangements (NDRRA) and assist in the mitigation of project delivery risk to Council.

In accordance with the NDRRA requirements, Douglas Shire Council submitted a number of funding applications to restore the damaged infrastructure and Council has been successful in securing substantial funding.

Current funding arrangements for the completion of the restoration for the damaged assets require the completion of all works by June 2016.

The attached report provides an update of the progress to date with the restoration program.

COMMENT

Council has engaged a Project Engineer, Project Finance Officer and a Traffic Management Officer to assist in the management of projects associated with the NDRRA, including the control of finances and acquittal of funding associated with the restoration of essential assets. Council officers continue to work with officers from the Queensland Reconstruction Authority, consultants, contractors and the community to ensure the successful delivery of all works.

FINANCIAL/RESOURCE IMPLICATIONS

Refer to Attachment 1 - Section 2 for financial implications.

RISK MANAGEMENT IMPLICATIONS

Refer to Attachment 1 – Section 12 for identified risks and mitigation proposals.

SUSTAINABILITY IMPLICATIONS

Economic: The reconstruction of damaged essential public infrastructure is necessary to provide safe and useable transport networks for the movement of goods and services, particularly in rural areas. The adequacy and condition of the road networks also relates to the ability of tourists and tourist operators to access the various areas and communities in the Shire.

Environmental: Reconstruction of landslips, roads and drainage reduces the environmental impacts caused by heavy rain and erosion.

Social: A well maintained and safe road network is vital for ensuring communities are connected and have access to goods, services and community networks.

CORPORATE/OPERATIONAL PLAN, POLICY REFERENCE

This report has been prepared in accordance with the following:

Corporate Plan 2014-2019 Initiatives:

Theme 5 - Governance

5.1.1 - Establish and develop long term financial, resource and infrastructure planning to ensure ongoing capacity to fund operations and capital works programs.

5.1.2 - Implement a robust enterprise risk management culture to identify and manage potential risks.

5.1.3 - Monitor and regularly review procurement practices to ensure legislative compliance and “value for money”.

COUNCIL'S ROLE

Council can play a number of different roles in certain circumstances and it is important to be clear about which role is appropriate for a specific purpose or circumstance. The implementation of actions will be a collective effort and Council's involvement will vary from information only through to full responsibility for delivery.

The following areas outline where Council has a clear responsibility to act:

Asset-Owner	Meeting the responsibilities associated with owning or being the custodian of assets such as infrastructure.
Part-Funder	Sharing the cost of a program or activity with other organisations.

CONSULTATION

Internal: NDRRA Project Control Group

External: Technical Consultants
 Queensland Reconstruction Authority
 Transport Industry
 Tourism Industry
 Indigenous Corporations
 Business Industry

Community: Nil

ATTACHMENTS

Attachment 1 2014 NDRRA PCG Monthly Report #9 – September 2015



**TROPICAL CYCLONE ITA AND ASSOCIATED RAINFALL
AND FLOODING 11-14 APRIL 2014**

**NDRRA PROJECT CONTROL GROUP
MONTHLY REPORT**

Doc # 732902

MONTH	SEPTEMBER 2015
REPORT STATUS DATE	REV 1
REPORT PREPARED DATE	20/10/2015
REPORT SEQUENCE NO.	Nine (9)
PREPARED BY	Scott Hahne

Contents

1 Glossary..... 3
2 Financial Summary 4
3 Progress During Period..... 8
4 Program (Time and Progress)..... 9
5 Workplace Health & Safety 9
6 Traffic Management 9
7 Environmental 10
8 Quality Assurance 10
9 Community Liaison..... 10
10 Local Industry Participation 11
11 Queensland Reconstruction Authority 11
12 Project Risks & Mitigation 11
13 General..... 12
APPENDIX A – Overall Program 13
APPENDIX B – Photos..... 16

1 GLOSSARY

CDO	Counter Disaster Operations
GST	Goods & Services Tax
NDRRA	Natural Disaster Relief & Recovery Arrangements
QRA	Queensland Reconstruction Authority
REPA	Restoration of Essential Public Assets

2 FINANCIAL SUMMARY

(all excluding GST amounts)

External Funding

Total Claimed to Date:	\$26,488,459
Total Approved to Date:	\$19,563,521
Total Rejected to Date:	\$2,748,648
Total Pending Assessment:	\$4,176,290.88

(not including trigger amount of \$192,732.00)

Note \$4.34M to be claimed in September for difference between contract value & QRA budget for two current road tenders

Revenue

Total Claimed to Date:	\$8,735,324
Claimed for Month of September:	\$0.00
Total Received to Date:	\$8,735,324
Total Outstanding	\$0.00
Total Remaining to claim	\$10,828,197

Note: \$3.35M to be claimed for September expenses

Expenditure

Total Project Management	\$1,203,483.17
Total REPA	\$10,159,375.08
Total Emergent/CDO	<u>\$728,104.42</u>
Total to Date	\$12,090,962.67
Total Commitments outstanding	\$512,641.26

Expenditure for Month of September:	\$3,355,638
Net Current Cashflow	-\$4,854,695

Scope Changes

Schedule Changes	\$7,219,565.07
Non - Schedule Changes	<u>\$16,198.35</u>
Total Changes	\$7,235,763.42

Forecasts

Forecast Final Expenditure	\$22,691,432.26
Forecast Final QRA Funding	\$22,472,368.93
Surplus/Shortfall	-\$219,063.33

Scope Changes:

Non-Scheduled changes to date

QRA Id	DSC Package	DSC Var. Id	Description	Cost \$	QRA Approved Amount \$	Comment
01.14		01	Access to 10 mile & China Camp Rds	5,698.35	-	To be claimed from QRA
03.14	RFT01	01	Final trim to Cape Tribulation Bloomfield Rd	6,500.00		Not Approved by QRA
03.14	RFT01	02	Delay claim assessment – Scott Earthmoving	4,000.00		To be claimed from QRA via contingency
			TOTAL	16,198.35		

Note: Figures in red are estimates; figures in black are confirmed amounts

Scheduled quantity changes to date

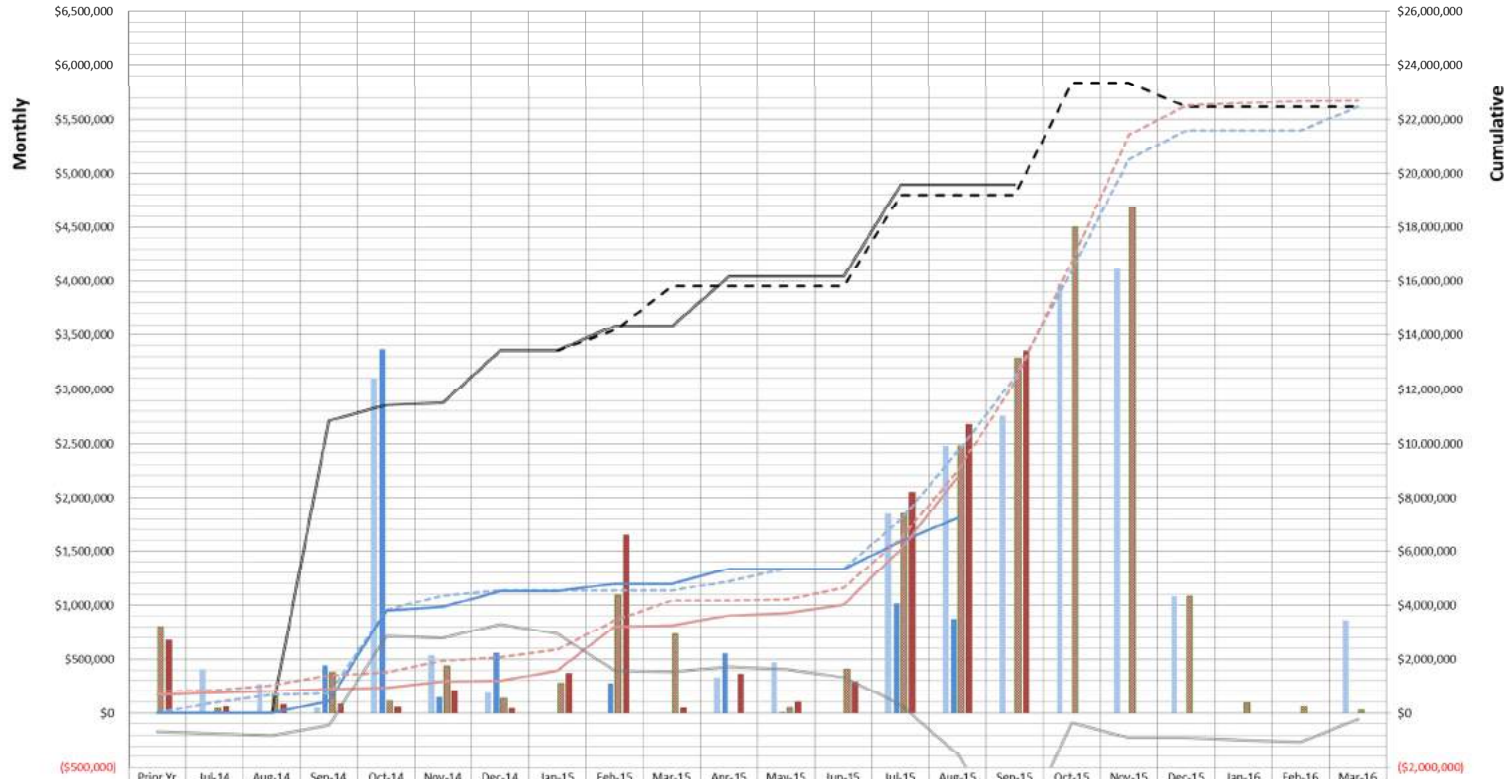
QRA Id	Original Approved Budget \$	Latest Approved Budget \$	Forecast Final Budget \$	Forecast Final Cost \$	Expected Scope Change \$	Expected Scope Change %	Completed to date \$	Completed to date %
DoSC .01.14	2,161,850.24	7,227,086.33	7,377,938.00	7,468,291.72	5,306,441.48	245.5%	4,318,601.71	57.8%
DoSC .02.14	5,458,056.22	8,270,554.75	7,968,842.00	8,059,195.57	2,601,139.35	47.7%	3,673,174.12	45.6%
DoSC .03.14	1,755,339.00	2,661,178.00	1,702,553.06	1,706,552.96	-48,786.04	-2.8%	1,706,552.96	100.0%
DoSC .04.14	36,069.63	36,069.63	36,069.63	48,765.00	12,695.37	35.2%	48,765.00	100.0%
DoSC .05.14	510,110.37	510,110.37	510,110.37	515,811.00	5,700.63	1.1%	515,811.00	100.0%
DoSC .06.14	111,109.38	111,109.38	111,109.38	111,109.38	0	0.0%	111,109.38	100.0%
DoSC .07.14	1,549.01	1,549.01	1,549.01	1,549.01	0	0.0%	1,549.01	100.0%
DoSC .08.14	1,644.57	1,644.57	1,644.57	2,135.00	490.43	29.8%	2,135.00	100.0%
DoSC .09.14	33,265.39	33,265.39	33,265.39	48,735.03	15,469.64	46.5%	48,735.03	100.0%
DoSC .10.14	52,606.80	52,606.80	23,288.91	23,288.80	-29,318.00	-55.7%	23,288.91	100.0%
DoSC .11.14	452,156.18	452,156.18	0.00	0.00	-452,156.18	-100.0%	0.00	0.0%
DoSC .14.15	4,356,027.84	4,356,027.84	4,246,457.00	4,246,457.28	-109570.56	-2.5%	1,227,803.80	28.9%
DoSC .15.15	\$ 464,831.75	\$ 464,831.75	409,036.61	409,036.51	-\$ 55,795.24	-12.0%	\$ 409,036.61	100.0%
DoSC .16.15	\$ 61,052.46	\$ 61,052.46	50,505.00	50,505.00	-10547.46	-17.3%	\$ 4,400.14	8.7%
TOTAL	15,455,668.84	24,239,242.46	22,472,368.93	22,691,432.26	7,235,763.42	46.82%	12,090,962.67	53.3%

Note: 1. Forecast Final Cost is based on QRA approved budget adjusted for actuals known to date.
 2. Expected Scope Changes is based on actuals known to date

Cashflow

As AT 30 September 2015

ALL 2014 NDRRA EVENT SUBMISSIONS - ACTUAL VS PLANNED



	Prior Yr	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Jan-16	Feb-16	Mar-16	
MTHLY PLANNED INCOME	\$-	\$404,898	\$267,965	\$48,765	\$3,104,4	\$535,345	\$185,802	\$-	\$-	\$-	\$325,203	\$472,586	\$-	\$1,847,6	\$2,482,6	\$2,760,6	\$3,975,8	\$4,115,1	\$1,083,4	\$-	\$-	\$862,106	
MTHLY ACTUAL INCOME	\$-	\$-	\$-	\$440,967	\$3,366,2	\$144,375	\$561,303	\$-	\$278,930	\$-	\$555,215	\$2,329	\$-	\$1,014,8	\$874,080								
MTHLY PLANNED EXPENDITURE	\$805,794	\$42,899	\$172,564	\$376,474	\$113,396	\$435,877	\$132,328	\$274,866	\$1,096,5	\$731,804	\$-	\$50,015	\$404,558	\$1,847,6	\$2,482,5	\$3,287,3	\$4,502,6	\$4,676,8	\$1,083,4	\$92,966	\$57,966	\$22,966	
MTHLY ACTUAL EXPENDITURE	\$674,379	\$50,049	\$78,090	\$83,189	\$56,984	\$209,329	\$41,026	\$367,453	\$1,649,0	\$42,072	\$364,280	\$98,852	\$291,737	\$2,046,8	\$2,672,9	\$3,355,6							
CUMULATIVE APPROVED BUDGET	\$-	\$-	\$-	\$10,842	\$11,408	\$11,519	\$13,424	\$13,424	\$14,330	\$14,330	\$16,180	\$16,180	\$16,180	\$16,180	\$19,563	\$19,563	\$19,563	\$23,332	\$23,332	\$22,472	\$22,472	\$22,472	\$22,472
CUMULATIVE PLANNED INCOME	\$-	\$404,898	\$672,862	\$721,627	\$3,826,1	\$4,361,4	\$4,547,2	\$4,547,2	\$4,547,2	\$4,872,4	\$5,345,0	\$5,345,0	\$7,192,6	\$9,075,2	\$12,435	\$16,411	\$20,526	\$21,610	\$21,610	\$21,610	\$21,610	\$22,472	
CUMULATIVE ACTUAL INCOME	\$-	\$-	\$-	\$440,967	\$3,807,2	\$3,951,5	\$4,512,8	\$4,512,8	\$4,789,8	\$4,789,8	\$5,345,0	\$5,345,0	\$5,347,3	\$6,362,1	\$7,236,2								
CUMULATIVE PLANNED EXPS	\$805,794	\$848,694	\$1,021,2	\$1,397,7	\$1,511,1	\$1,947,0	\$2,079,3	\$2,354,1	\$3,450,7	\$4,182,5	\$4,182,5	\$4,232,5	\$4,637,1	\$6,484,7	\$8,967,3	\$12,254	\$16,757	\$21,434	\$22,517	\$22,610	\$22,668	\$22,691	
CUMULATIVE ACTUAL EXPS	\$674,379	\$733,428	\$811,518	\$894,708	\$951,692	\$1,161,0	\$1,202,0	\$1,569,5	\$3,218,5	\$3,260,6	\$3,624,8	\$3,723,7	\$4,015,4	\$6,062,3	\$8,735,3								
CUMULATIVE CASHFLOW	-\$674,379	-\$733,428	-\$811,518	-\$453,741	\$2,855,3	\$2,790,5	\$3,310,8	\$2,943,5	\$1,571,2	\$1,529,2	\$1,720,1	\$1,623,6	\$1,531,8	\$299,800	-\$1,499,0	-\$4,854,6	-\$345,612	-\$907,272	-\$907,272	-\$1,000,2	-\$1,058,2	-\$219,004	

3 PROGRESS DURING PERIOD

(Total % Complete to Date based on construction activities completed)

QRA Identifier	Scoping	QRA Submission	Engage Consultant	Design & Documentation	Request for Tender	Engage Contractor	Clearing	Bulk Excavation	Culverts	Ground Surface Treatment	Resheet	Stabilisation	Sealing	Geotechnical	Other	QRA Finalisation	Federal Acquittals	Comments
DoSC.01.14 – Northern Rds	100	100	100	100	100	100	90	95	50	70	75	0	0	N/A	N/A			
DoSC.02.14 – Southern Rds	100	100	100	100	100	100	95	90	67	70	50	20	50	N/A	N/A			
DoSC.03.14 – Cape Trib Bloomfield rd (part)	100	100	100	100	100	100	100	100	N/A	100	100	N/A	N/A	N/A	N/A	100		
DoSC.014.15 - Landslips	100	100	100	100	100	100	40	40										
DoSC.15.15 – North of Wujal Rds	100	100	N/A	N/A	N/A	100	100	100	N/A	100	100	N/A	N/A	N/A	N/A	100		
DoSC.16.15 – CREB track	100	100	N/A	N/A	N/A	N/A												
DoSC.11.14 – Not Applicable	100	100	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	100		
DoSC.10.14 - Acquitted	100	100	N/A	N/A	N/A	N/A	100	100	100	100	N/A	N/A	N/A	N/A	N/A	100		

Note: Construction activities % complete refers to number of defects in QRA package completed

4 PROGRAM (TIME AND PROGRESS)

- Original Date for Practical Completion for entire program – 30 June 2016
- Expected Date of Practical Completion for entire program – March 2016
- Expected Date of Practical Completion for construction – December 2015

- Summary of Funding Status
 - North & South roads packages tendered rates versus QRA rates variation submitted to QRA for approval. Changes agreed, formal approval pending
 - Expected additional funding requests required:
 - Variance between QRA rates and actual rates for \$3.3M variation
 - Landslips likely actual prices versus QRA rates

- Summary of Design & Document Program Status:
 - Ongoing environmental coordination with relevant authorities to receive approvals. Sites along Daintree River are considered high value and in some instances may require adjusted design or construction methodologies.

- Summary of Tendering Program Status:
 - Landslip package – Tender closed, evaluation completed, report prepared for Council meeting, contract awarded.

- Summary of Construction Program Status:
 - North Roads Package: Work activities on Cape Tribulation Bloomfield Rd completed to Emmagen Creek, majority of other work sites commenced or completed.
 - South Roads Package: Work activities continue throughout Shire. Asphalt, stabilisation & bitumen sealing activities throughout Shire. Two landslip sites on Upper Daintree Rd commenced

The current works status program is attached at **Appendix A**

5 WORKPLACE HEALTH & SAFETY

- Incidents to report
 - North Roads Package
 - Nil to report
 - South Roads Package
 - Nil to report

- Actions completed
 - Nil to report

6 TRAFFIC MANAGEMENT

- TGS Applications Submitted – Noah Creek Bridge Closure TGS submitted. Approval pending

- Reported Incidents – As indicated in Community Liaison

7 ENVIRONMENTAL

- Nil incidents to report
- Actions completed
 - Nil to report

8 QUALITY ASSURANCE

- Incidents to report
 - Gravel resheet work on Whyanbeel Rd, Assman Rd & Beel Reece Park not performing adequately.
- Actions completed
 - Parts of Whyanbeel Rd & all of Bell Reece Park reworked; Parts of Whyanbeel Rd & all of Assman Rd removed and rectification pending

9 COMMUNITY LIAISON

- A total of 21 NDRRA related communications were received and dealt with in September.

Main Topic of Issue	NO.
Truck Movements	6
Quality	5
Bloomfield	5
Information	2
Dust	2
Safety	1
TOTAL	21

- Five of the six complaints regarding truck movements were related to work being done north of the Daintree River, and one was related to trucks travelling into Daintree Village.
- Four of the calls regarding quality related to the slipperiness of Whyanbeel Road and one related to muddiness of Cape Kimberley Road.
- All complaints related to the slipperiness of unfinished sections of the Bloomfield Track when unseasonal rain interrupted road works.
- Dust complaints came from two residents; one in Syndicate Road and another in Upper Daintree Road.
- Wet Tropics Management Authority requested input into Turpentine Road repairs with a view to reducing silt run off into Coopers Creek and a resident of Borzi Road enquiring about when the sealing of the unsealed section was scheduled.
- The safety complaint related to the way in which road plant was being driven at Cape Tribulation.
- All relevant matters were attended to by the contractors with follow up communications to the stakeholder identifying the issue as appropriate.

- Engagement activities undertaken
 - NDRRA Activity Map updated with information from both contractors.
 - Email update sent 2.9.2015 advising of upcoming activity, and proportion of monies spent with local businesses.
 - Email update sent 8.9.2015 to remind everyone of upcoming school holidays
 - Liaison with Bloomfield Track operators regarding slipperiness of road and the track closure on 10th September and reopening 11th September.
 - NDRRA engineer and traffic manager attended a meeting in Cape Tribulation with Bloomfield Track operators to discuss road safety, road base and clearer communications. Short term actions were discussed in preparation for the school holidays and the Wallaby Creek Festival both which were expected to increase traffic on the Track.
 - Contacted Wallaby Creek Festival organisers to request they put a note of Bloomfield Track conditions on their website. The website was updated that day.
 - Provided contractors with Bloomfield Track 4WD only signs to be displayed as appropriate, to supplement the perhaps too subtle existing signs designating the road as 4WD only.
 - Met with WTMA representative regarding potential silt run-off remediation on Turpentine Road.

10 LOCAL INDUSTRY PARTICIPATION

During reporting period:

- Local Government Area
 - \$857K on accommodation, wages, fuel, material supply & plant hire
- Regional Area
 - \$1,053K on wages, subcontractor and material supply
- Other
 - Nil to report

11 QUEENSLAND RECONSTRUCTION AUTHORITY

- Liaise with QRA for submitted variation of roads packages which are greater than QRA budget.
- Hosted two visits from QRA liaison officer;
- Provide acquittal documentation for three submissions 3.14, 11.14, 15.15
- Provided progress report to QRA

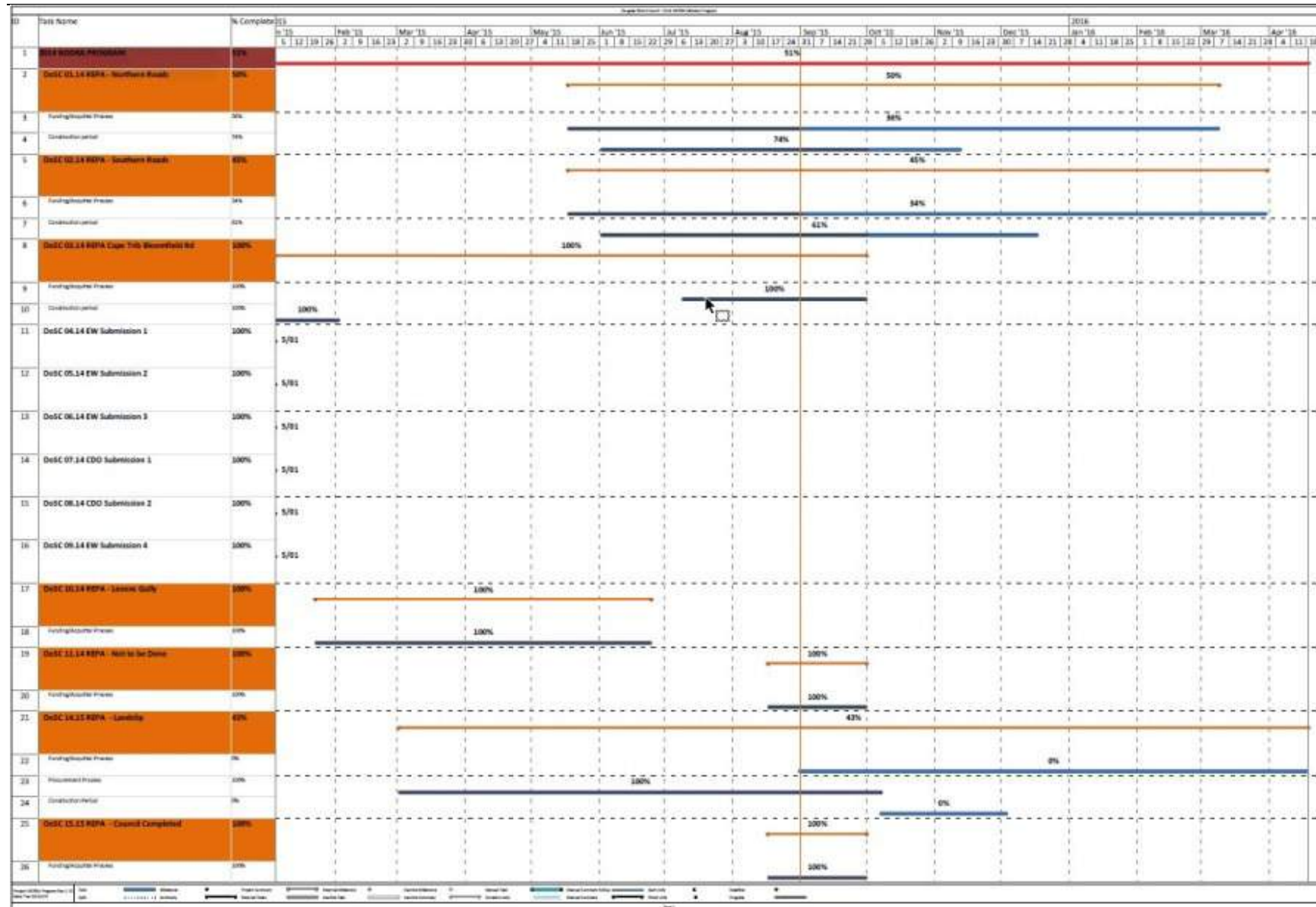
12 PROJECT RISKS & MITIGATION

- Wet season weather and the effects thereof.
 - Ensure construction activities substantially complete prior to commencement of wet season
- Community liaison with stakeholders
 - Continue to monitor and liaise with community over concerns
- QRA assessment of works as not eligible
 - Ensure no commercial commitments made without prior QRA approval

13 GENERAL

- Tropical Cyclone Nathan occurred on 11-21 March 2015 with Douglas Shire Council being activated for QRA funding for this event.
 - Damage assessment for TC Nathan finalised with submission to QRA pending.
 - CDO & Emergent submissions submitted to QRA

APPENDIX A – OVERALL PROGRAM





APPENDIX B – PHOTOS



Preparation work on landslip #4 Upper Daintree Road



Preparation work on landslip #5 Upper Daintree Road



Completed seal Borzi Road